

**WHAT IS CLAIMED IS:**

1. A communication system, comprising:  
a web server for managing communication information including a network  
identification number and a user identification number assigned to a user and registered;  
5 a gateway for setting communication channels between a public network connected with  
telephones and an internet network connected with terminals; and  
a gatekeeper for authenticating a communication service required by said terminals and  
dynamically matching said user identification number for communication with an IP address,  
10 whereby voice/data communication can be made between said telephones and said  
terminals.
- 15 2. The communication system as claimed in Claim 1, wherein said user identification  
number is a unique identification number that corresponds to said user one by one and does not  
overlap with each other.
- 20 3. The communication system as claimed in Claim 2, wherein some prefix figures of said  
user identification number are reserved and are not assigned to said user.
- 25 4. The communication system as claimed in Claim 3, wherein a call is opened via said  
internet network if a receiver number transmitted upon request of said call corresponds to said  
user identification number previously registered, and a call is opened via said public network if  
said receiver number is not said user identification number previously registered.
- 30 5. The communication system as claimed in Claim 1, wherein a predetermined  
international telephone calling identity is further included in said receiver number transmitted  
upon request of said call.
6. The communication system as claimed in Claim 2, wherein a predetermined  
international telephone calling identity is further included in said receiver number transmitted  
upon request of said call.

7. The communication system as claimed in Claim 3, wherein a predetermined international telephone calling identity is further included in said receiver number transmitted upon request of said call.

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8. The communication system as claimed in Claim 5, wherein said call is opened via an international telephone network if said international telephone calling identity is included in said transmitted number.

10 9. The communication system as claimed in Claim 6, wherein said call is opened via an international telephone network if said international telephone calling identity is included in said transmitted number.

10. The communication system as claimed in Claim 7, wherein said call is opened via an international telephone network if said international telephone calling identity is included in said transmitted number.

11. A communication method, comprising the steps of:

registering a user identification number which is assigned to a user without overlapping with each other;

authenticating whether said user is a registered user based on the user identification number, when a communication service is requested; and

automatically opening a call between various communication networks which are different from one another, depending upon said user identification number.

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12. The communication method as claimed in Claim 11, wherein said authentication step comprises a step of dynamically matching said user identification number with an IP address.

30 13. The communication method as claimed in Claim 11, wherein said call is opened via an internet network if a receiver number transmitted upon request of said call corresponds to said user identification number previously registered, and said call is opened via a public network if

said identification number is not a registered number.

14. The communication method as claimed in Claim 13, wherein said call is opened via an international telephone network if said call is requested under a condition that an international  
5 telephone calling identity is included.

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